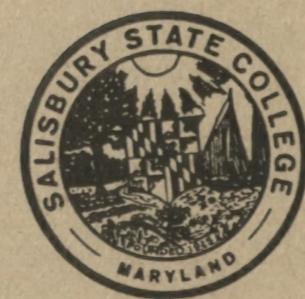


SALISBURY STATE COLLEGE

GRADUATE CATALOG 1974-75

**SALISBURY
STATE
COLLEGE**

All correspondence concerning graduate study and degree requirements should be addressed to: William H. Wroten, Director of Graduate Studies, Salisbury State College, Salisbury, Md. 21801.



Graduate Catalog 1974-75

SALISBURY, MARYLAND 21801

SALISBURY STATE COLLEGE
ACADEMIC CALENDAR

FALL SEMESTER 1974

Sunday	September 1	Residence Halls Open
Tuesday	September 3	Drop/Adds: 1:00-4:30 P.M.
Wednesday	September 4	Classes Begin Drop/Adds: Registrar's Office 9:00 A.M.-4:00 P.M. Through Wednesday, September 11
Wednesday	September 11	End of Late Registration
Tuesday	September 17	Convocation
Monday-Friday	November 11- November 15	Program Planning for the Spring 1975 Semester
Tuesday	November 26	Thanksgiving Holiday Begins After Last Class
Monday	December 2	Classes Resume
Friday	December 13	Classes End
Saturday-Friday	December 14 December 20	Final Examinations
Friday	December 20	6:00 P.M. End of Semester
Monday-Friday	December 23 January 10	Minimester

SPRING SEMESTER 1975

Saturday	January 11	Residence Halls Open
Sunday	January 12	Drop/Adds 1:00-6:00 P.M.
Monday	January 13	Classes Begin Drop/Adds: Registrar's Office 9:00 A.M.-4:00 P.M. Through Monday, January 20
Monday	January 20	End of Late Registration
Friday	February 28	Spring Vacation Begins After Last Class
Monday	March 10	Classes Resume
Tuesday	March 25	Easter Vacation Begins After Last Class
Wednesday	April 2	Classes Resume
Monday-Friday	April 14-April 18	Program Planning for the Fall 1975 Semester
Tuesday	April 22	Honors Convocation
Friday	May 2	Classes End
Saturday-Friday	May 3-May 9	Final Examinations
Friday	May 9	6:00 P.M. End of Semester
Sunday	May 11	Graduation
Monday-Friday	May 12-May 30	Minimester

THE COLLEGE

ACCREDITATION

Salisbury State College is a fully accredited four-year liberal arts college offering undergraduate programs leading to the Bachelor of Arts and Bachelor of Science degrees, and graduate programs leading to the Master of Education degree and the Master of Arts degree in History. The College is accredited by the Middle States Association of Colleges and Secondary Schools, the Maryland State Board of Education and the National Council for Accreditation of Teacher Education.

STATE SUPPORT

The College is an integral part of the public system of higher education in the State of Maryland. It is governed by the Board of Trustees of the State Colleges and is supported by appropriations authorized by the State Legislature.

HISTORY

In 1922 the State Legislature established a commission to determine a location for a two-year normal school on the Eastern Shore of Maryland. A site at Salisbury was selected by the commission, and the institution opened in September, 1925.

The school offered a two-year course for the preparation of elementary school teachers in Maryland until 1931 and 1934, when respective increases of three and four years were made. By action of the legislature of 1935, the College was authorized to grant the Bachelor of Science degree and to change its name to the State Teachers College at Salisbury.

Prior to 1947 the College limited its program to the preparation of teachers for the elementary schools. Expansion of the teacher preparation program occurred that year to include the junior high school level and in 1960 to include secondary school teachers, with a four-year program in Arts and Sciences with majors in several academic fields leading to the Bachelor of Arts and Bachelor of Science degrees. In 1962 the State Board of Trustees approved a graduate program in education leading to the Master of Education and in 1971 a program leading to the Master of Arts degree in History was approved.

In 1963, Salisbury State College became one of the State Colleges of Maryland under jurisdiction of the Board of Trustees of the State Colleges. Major emphasis was placed on the four-year program for undergraduates, offering majors in the arts and sciences as well as professional preparation leading to teacher certification.

PHILOSOPHY AND PURPOSES OF THE COLLEGE

As a state-supported educational institution, Salisbury State College is concerned with its accountability and educational

responsibilities in all areas of operations. Such responsibility prompts establishing a primary objective of providing academic programs for all segments of the public. It is, likewise, a concern of the College to offer its facilities to the community for enrichment purposes.

The College strives to provide highest quality undergraduate and graduate programs in Liberal Arts and Teacher Education. In addition, effort is made to constantly improve daytime, evening and summer non-credit programs, as well as to create new educational experiences whenever a need arises.

The college's institutional philosophy is based not on rigidity and exclusiveness, but on flexibility of services to all who wish to avail themselves.

Salisbury State College perceives itself as a place where every person — regardless of race, creed or religion — will be respected with dignity. That person will be afforded the opportunity to develop his or her mind and body to its fullest capabilities. The resources are vast, the opportunities are nearly limitless to all who wish to energetically accept the challenges.

CAMPUS AND BUILDINGS

Salisbury State College is located on Md. Route 13 at the southern edge of Salisbury, which has a metropolitan population of 50,000 and lies 32 miles west of Ocean City, Md., 115 miles southeast of Baltimore and Washington, 125 miles south of Philadelphia and 125 miles north of Norfolk, Va.

Administrative offices are situated in Holloway Hall, the original college building. This Georgian-styled structure contains the following offices: President, Academic Dean, Dean of Student Affairs, and Student Services, Assistant to the President, Registrar, Public Relations, Data Processing Center, Alumni Association, Faculty Offices and Classrooms. Also in Holloway are a modern 776-seat Auditorium, paneled Social Room and Art Gallery.

Caruthers Hall, located nearest to the Route 13 entrance to the college, houses additional Administration Offices, the Summer and Evening Program Office, the Admissions Office, the Business and Finance Offices, Teacher Education Offices, as well as Classrooms, Faculty Offices, Central Services, and a 225-seat Auditorium.

Blackwell Library, an air-conditioned recently-renovated facility near the center of the campus, houses 175,000 books in open stacks, 600 current periodicals, phonograph records, government publications, clipping files, bound periodicals and microfilm and microfiche.

Another fine new building is three-story air conditioned **Devilbiss Science Hall**. In addition to its 24 classrooms and 24 offices are a Language Laboratory, Laboratories for Geography and Biological Sciences, Chemistry, and Physics and Physical Science. Special features in this building are a theatre-lecture hall, seating 224, and a greenhouse.

The Musical Arts Center, situated adjacent to Route 13, is an acoustically-treated building, containing five Practice Rooms, two Classrooms, an enlarged Classroom for Chorus and Performances by Instrumental Ensembles, and Faculty Offices.

The hub of student activity is **Memorial Student Union**, which includes the College Dining Hall and Kitchen, Snack Bar, College Book Store, College Post Office and Recreation Area.

Tawes Gymnasium is the center of college athletic activity. The well-lighted Gymnasium has a bleacher seating capacity of 1,000 for varsity basketball and other Men's and Women's Indoor Sports. Other features include an attractive Lobby with Trophy Cases, Faculty Officers, Laundry Facilities, Classrooms, First-Aid and Training Room (with modern Hydro-Therapy Equipment), Weight-Training Room, Dance and Correctives Room and Gymnastics Apparatus.

The College Health Center, located at the south end of Holloway Hall, features seven student-patient beds, a Waiting Room, two Offices, a Treatment Room and a Utility Room.

Six modern, well-equipped Dormitories house the on-campus students and provide double and single Bedrooms, Lounges, Supervisors' Apartments, Laundry Facilities, small Kitchens, and Recreation Rooms.

Wicomico Hall houses 96 students, **Manokin Hall**, 84 students, **Pocomoke Hall**, 100 students, **Nanticoke Hall**, 145 students, **Choptank Hall**, a six-story, air-conditioned dormitory for 221 students, which features on the first floor, eight double bedrooms with two student baths, a manager's apartment, visitors' lounge, elevator and public toilets. Each of the five upper floors contains 20 double bedrooms, four student bathrooms, proctor's bedrooms and bath, trunk storage room, trash room, snack room, student lounge and elevator. **Chester Hall**, similar to Choptank, opens in September, 1974.

The President's Home is located on a wooded knoll on the southern edge of the campus.

Outdoor Athletic Facilities include varsity fields for soccer, baseball, and field hockey, practice fields, all-weather quarter-mile track and 6 hard-surface tennis courts. A new athletic field complex is being planned and will be operational in 1975.

FUTURE DEVELOPMENTS:

In order to accommodate a rapid growth in enrollment, which is anticipated to reach 3000 day students by 1980, a new Physical Education facility, including a Swimming Pool, two new Residence Halls and a College Center are scheduled for early construction.

A renovation of Holloway Hall is underway. Planning also has begun for the renovation of Caruthers Hall and of

the existing Dining Hall-Student Union to a modern Dining facility to accommodate the increasing resident population.

Preliminary planning has begun for a modern College Center which should be completed in 1976.

A new Dormitory complex to house 400 students is in the planning stages and will be available in 1976.

DIVISION OF GRADUATE STUDY

Salisbury State College is approved for graduate instruction by the Middle State Association of Colleges and Secondary Schools and the Maryland State Board of Education. The College offers programs leading to the Master of Education degree and the Master of Arts degree in History. Teachers seeking regular or advanced certification and general students seeking graduate credit in professional education and in various academic fields are also admitted to graduate study.

Graduate study for the MS in Education during the regular academic year is normally conducted in the evening program of the college. Designed for part-time students, this program consists mainly of graduate courses meeting once weekly throughout the semester in sessions of approximately three hours each. A limited number of courses open both to graduate students and advanced undergraduates is also available in the regular daytime program. Generally, full-time graduate study for the Master of Education program is available only in summer, and students enrolling in both terms of the summer session may normally earn twelve hours of graduate credit. For the Masters of Arts program in History full-time graduate study is usually offered every term.

OBJECTIVE

The primary objective of the graduate program at Salisbury State College is to provide opportunities for specialized training and consequent professional advancement for qualified students. The program is designed to assist these students in attaining greater mastery of their fields of special interest, to improve skills in pursuing independent study, and to increase professional ability through study of new findings in fields of both teaching and learning. The College also recognizes an obligation to college graduates residing in the general community of the Eastern Shore and seeks to offer a constructive program at the graduate level for the benefit of all who are qualified.

ADMISSION TO GRADUATE STUDY

To be eligible for admission to the graduate program, the applicant must hold a bachelor's degree from an accredited institution of higher learning. Admission to Salisbury State College is granted without regard to race, color, religion and sex.

Students seeking to enroll in graduate courses may obtain applications on request to the Graduate Division. The applying student must request the Registrar of his undergraduate institution to forward two transcripts of his record directly to the Director of Graduate Studies. Admission to the graduate program can be granted only on a tentative basis until such transcripts have been received by the Graduate Division.

All graduate students must file an application for admission to graduate study regardless of the purpose for which the courses are to be taken. A formal letter of admission is issued when the application is accepted. The application should be filed with the Graduate Office early during the term immediately preceding actual enrollment in graduate classes.

Students making a late decision to start graduate work must submit with the registration course request form, for that particular semester or summer session, their application for admission to the graduate program. It should be understood, however, that degree-seeking students who have not been fully admitted and/or who could not construct a study plan because of admission immediately before registration deadline, have no guarantee that the courses being registered for, will be accepted on a Master's study plan.

A student enrolled in the Graduate Division for graduate courses is not necessarily enrolled in any of the degree programs—Master of Education in Elementary Education, Master of Education in Secondary Education, or Master of Arts in History. Those interested in the degree program must make special request, fulfill certain requirements, and be granted admission.

A student may petition to change from special graduate admission to degree program admission if certain qualifications are met. Credits earned as special graduate students may be applied toward a degree program if the courses are appropriate to the degree.

ADMISSION TO CANDIDACY: MASTER OF EDUCATION DEGREE

To be eligible for admission to candidacy for the Master of Education degree, the applicant must meet the following additional requirements:

1. Submit scores on the Graduate Record Examination aptitude test and one advanced test.
2. Earn an average of B or higher on at least twelve hours of graduate courses completed at Salisbury State College in the master's degree program. This requirement may be waived for students who earned an overall average of B or higher in their undergraduate programs. Candidates for a Master of Education degree should apply after having earned an overall average of B or higher in twelve (12) hours and not later than having complete eighteen (18) hours. Graduate degree students are required to earn a minimum of fifteen (15) semester hours of graduate credit after admission to candidacy.
3. Submit the completed application for admission to candidacy to Director of Graduate Studies for action.

THE MASTER OF EDUCATION DEGREE

Students seeking the Master of Education degree at Salisbury State College shall complete an approved program of study including at least thirty-three semester hours with an average of B or higher, and with no grade lower than C.

The following courses in Education are required (12 semester hours):

Education 500*	HISTORICAL AND SOCIAL FOUNDATIONS
Education 502*	INTRODUCTION TO RESEARCH
Education 510*	SEMINAR: RECENT ISSUES IN EDUCATION
Education 514*	SEMINAR IN CURRICULUM CONSTRUCTION

*Prerequisites for required Education courses:

1. Courses in both methods of teaching and human growth and development are prerequisite to Education 500, 510, and 514.
2. A course dealing with testing and measurement is prerequisite to Education 502.

Additional requirements for the Master of Education degree may be met under either of the two following programs:

PROGRAM A: Primarily for teachers in Elementary Education (21 semester hours).

1. Six semester hours in approved courses in methodology in two different areas. (Check with Graduate Office for list of approved methodology courses and accepted areas.)
2. Electives: Twelve semester hours at least half of which shall be at the 500 level in areas other than Education.
3. Choice of Research Project for three hours credit, or an approved course substitute of at least three semester hours. Those electing the course substitute will satisfactorily complete at least two formal research papers in connection with their courses in Education. Those electing the Research Project will enroll in Education 530 and will complete and submit the approved project to their advisor. They must satisfactorily complete an oral examination of the project, to be scheduled after successful completion of the Master's Degree written examinations.
4. Satisfactory completion of a comprehensive written examination demonstrating the candidate's proficiency in professional education and a representative selection of other courses selected from the candidate's program. These examinations are given three times a year, usually fall, spring, summer. The degree candidate should check with the Graduate Office as to exact time, place and procedures.

PROGRAM B: Primarily for teachers in Secondary Education (21 semester hours).

1. Eighteen semester hours, at least twelve of which shall be in the area of concentration, to be selected from departments approved by the Graduate Council. The following are approved areas of concentration: History, English, Geography, Mathematics, Science, Psychology and Sociology. At least six hours in the area of concentration shall be selected from courses at the 500-level. Courses outside the area of concentration may be selected from any field.
2. Choice of Research Project in the field of concentration for three hours credit, or approved course substitute of at least three semester hours in the area of concentration. Those electing the course substitute will satisfactorily complete at least one formal research paper in the area of concentration and another in the field of education. Those electing the Research Project, after registering for course no. 530 in field of concentration, will complete and submit the approved project to their advisor and satisfactorily complete an oral examination on the project, to be scheduled after successful completion of the Master's Degree written examinations.
3. Satisfactory completion of a comprehensive written examination demonstrating the candidate's proficiency in professional education and in the academic area of concentration. These examinations are given three times a year, usually fall, spring, summer. Check with the Graduate Office as to exact time, place and procedures.

THE MASTER OF ARTS DEGREE IN HISTORY

A. Qualification for Candidacy:

1. At least fifteen semester hours in History from courses at the 300 level or above, including a course in Historiography. Applicants lacking this preparation must make up deficiencies either before or during graduate study.
2. Submit scores on the GRE aptitude test and advanced test in History. In special circumstances, the Chairman of the History Department may permit the student to take the advanced test in another field.

B. Course Requirements: Thirty-three semester hours, at least 15 of which shall be at the 500 level, with an average grade of B or higher and no grade below C. The student may choose either Plan I or Plan II in meeting degree requirements. All course selection must be approved by the History Department faculty advisor.

Plan I:

1. Eighteen semester hours in History
2. Nine semester hours in one minor field (Education, English, Geography, Psychology, etc.)
3. Six semester hours: Thesis in History

Plan II:

1. Twenty-four hours in History
2. Nine semester hours in one minor field (Education, English, Geography, Psychology, etc.)

C. All candidates will satisfactorily complete both a written and an oral examination near the completion of program requirements demonstrating their proficiency in the areas of study undertaken. Students eligible to take the examination should contact the Chairman of the History Department as soon as they have earned twenty-one hours of graduate credit.

TRANSFER CREDIT

The Graduate Council recommends to all graduate students the advisability of receiving prior permission of the Graduate Office at Salisbury State College to take graduate credit courses elsewhere to be transferred to Salisbury. This should be done to protect the interests; to give some assurance that the said courses are acceptable as graduate credit for transfer to Salisbury State College under its degree programs. All courses taken at other institutions for graduate credit are not transferable.

A maximum of twelve (12) hours of graduate work may be transferred from other accredited institutions provided the proposed transfer hours meet the following requirements: (1) Acceptable for graduate degree credit by the home institution, (2) The grade received was "B" or above, (3) Directly related to the candidate's program as approved by the department concerned and Director of Graduate Studies, (4) For M. Ed. degrees, no more than six (6) hours in education courses and no more than six (6) hours in field of concentration and electives; for the M.A. in History, no more than nine (9) of the twelve (12) in the field of History.

Credits earned by correspondence are not eligible for transfer. Credits earned in extension programs are eligible for transfer, subject to approval by the Director of Graduate Studies, if such credits are acceptable for graduate degree credit by the home institution.

UNDERGRADUATE STUDENT AND GRADUATE CREDIT

An undergraduate who is within six semester hours of meeting the Baccalaureate Degree requirements is permitted to register for up to

six hours of graduate credit to be taken concurrently with the remaining baccalaureate course requirement. This may be undertaken with the approval of the Director of Graduate Studies. Graduate credit will be awarded only upon completion of baccalaureate degree requirements by the end of the semester in which the final course requirements were begun.

TIME LIMITATION

All work credited toward the Master's Degree must be completed within seven calendar years from the end of the semester or summer term in which such work began. For example, a student who began the Master's Degree program in June 1962 must have completed all requirements for the degree by September 1, 1969.

COMPLETION OF DEGREE REQUIREMENTS

In completing requirements for the Master of Education degree the student must follow these additional procedures:

1. Present following admission to candidacy a brief outline of the research project if this option is chosen. If approved, the candidate is usually assigned a second advisor. For those electing the research project, the completed project must be submitted to the advisors by March 1 of the year in which the degree is expected.
2. Complete satisfactorily the written examination for the degree by April 1 of the year in which the degree is expected.
3. Complete satisfactorily an oral examination on the research project, if chosen, by April 1 of the year in which the degree is expected. This examination is administered by three members of the graduate faculty designated by the Director of Graduate Studies.
4. Three copies of the project with the signatures of the examiners must be filed by this date with the Director of Graduate Studies.

APPLICATION FOR DEGREE

It is the responsibility of the individual graduate student to check with his advisor to make sure all degree requirements have been fulfilled, and to make the necessary arrangement for degree with the Registrar's Office.

All candidates must, at the beginning of the final semester, make application for the degree on the appropriate form to the Registrar and pay the required fee. A new application must be completed when a student finds it necessary to postpone graduation.

COST OF GRADUATE PROGRAM

Tuition for graduate students is \$38.00 per semester hour, plus regular registration fee of \$10.00 and a College Center fee of \$5.00 each time the student registers. Out-of-state students pay an additional fee of \$15.00 each time they register.

STUDENT RESPONSIBILITY

The responsibility of obtaining the graduate bulletin, becoming familiar with and fulfilling the requirements, deadlines, and filing the necessary forms at the appropriate times, rests solely with the graduate student.

APPEALS CONCERNING REGULATIONS

The advisor and department chairman have jurisdiction over candidate's program within the regulations of the graduate programs. When requested by the student and/or department chairman, the Graduate Council shall serve as the Board of Appeals on matters concerning interpretation of, or exceptions to, the degree regulations.

FACULTY ADVISORY SYSTEM

On admission to the Master's Degree program, the student is assigned a faculty advisor in the appropriate field of study. Those enrolled in the degree program must submit each application for courses to the faculty advisor for approval of courses selected. The major responsibility for advising graduate students rests upon the faculty advisor. Although the individual student is personally responsible for meeting all requirements and deadlines, the faculty advisor and/or department chairman are responsible for certifying to the Director of Graduate Studies that certain requirements have been met.

TRANSCRIPTS AND CERTIFICATION OF COMPLETION OF DEGREE REQUIREMENTS

Transcripts and certification of the completion of degree requirements are obtained by contacting the Registrar's Office.

WITHDRAWAL

A student who finds it necessary to withdraw from a course or completely from the College must obtain the proper form and instructions from the Registrar's Office. Students who "leave" a course or the college without going through the Registrar's Office will receive an "F" in the course for which the student is registered.

COURSE LOAD

The unit of credit is based on the semester system. The normal course load for a full-time graduate student is nine to twelve semester credits per term during the academic year. Requests for a course load above twelve semester credits must be approved by the advisor and Director of Graduate Studies. A student employed full time must have permission from the advisor and Director of Graduate Studies to carry more than three credits during any one semester.

Six hours credit is considered a course load during either summer term.

CLASS ATTENDANCE

Students are expected to attend every session for which the course is scheduled, unless otherwise agreed on by professor and student. Frequent unexcused absence and unsatisfactory work, due to absence, may be followed by exclusion from the course or by suspension from the program.

GRADING AND COURSE CREDIT

The following grades are used to indicate a student's achievement in his individual courses:

- A. Excellent
- B. Good
- C. Satisfactory
- D. Poor, with no graduate credit for degree allowed
- I. Incomplete
- F. Failure
- WP. Withdrawal Passing
- WF. Withdrawal Failure

Graduate credit courses may not be taken on a pass/fail arrangement.

Those who are admitted as graduate students may register for courses numbered 100-599 but will receive graduate credit only in graduate level courses numbered 400-599 completed with grades of "C" or better. Service courses (e.g. safety and driver education courses) and 300-level and several 400-level courses do not carry graduate credit.

PROFESSIONAL CERTIFICATION

Requirements for the various teaching and administrative state certificates change from time to time. Thus, the College does not guarantee that a particular graduate degree or program will automatically fulfill all state certification requirements. All students are advised to check with their school system or state departments of public instruction for the latest certification information.

REFUND AND WITHDRAWAL PROCEDURES

To receive all funds due on withdrawal from classes, the withdrawing student must submit a completed official withdrawal card to the Office of the Registrar. Refunds to students are computed on the basis of the date on which this card is filed with the Registrar. Students failing to comply with this regulation forfeit all rights to refunds and receive a grade of F for courses dropped unofficially.

Part-time students (except in summer) officially withdrawing from graduate courses prior to the fifteenth calendar day of the official beginning of classes will be refunded a \$10.00 administrative cost. No fees will be refunded.

GRADUATE COURSES

Courses at the 500 level are available for graduate credit only. Undergraduates are not permitted to enroll in 500 level courses. Courses at the 400 level appearing in the list which follows may be taken either for graduate credit or for advanced undergraduate credit. Graduate students enrolled in such courses are expected to do graduate level work. The work of graduate students registered in a 400-level course, to which undergraduates are also admitted, should be superior to that of the underclassmen. It is the responsibility of the individual instructor to define precisely the quality and/or quantity of work that he expects from the members of the class.

It follows that the instructor may reasonably anticipate work of the highest level of competency from those graduate students enrolled in a 500-level course.

GRADUATE COURSE DESCRIPTIONS

ART

490. INDEPENDENT STUDY

1 to 3 hours credit

A course to provide additional directed study in one or a combination of studio disciplines. Students must furnish their own materials. Recommended for senior undergraduate or graduate credit for a maximum of 6 hours credit. **Prerequisite:** Art 390. Participation by invitation of the department only.

BIOLOGY

415, 416. RESEARCH IN BIOLOGY

3 hours credit each

Independent study, in which each student conducts his own research project under the supervision of a member of the faculty. **Prerequisites:** Biology 111 and 112 and consent of instructor. **One hour of formal instruction each week and two additional hours to be arranged individually.**

423. ELECTRON MICROSCOPY

3 hours credit

Introduction to the principles and techniques of electron microscopy in Biology, including tissue fixation, embedding, ultramicrotomy, microscopy and photography. **Prerequisites:** Biology 111 and 112 and consent of the instructor. **Two hours lecture and three hours laboratory per week.**

435. CYTOLOGY

3 hours credit

A discussion of the structure and function of the cell and its components. Laboratory work is based on light microscopy and electron microscopy. **Prerequisites:** Biology 111 and 112. **Two hours lecture and three hours laboratory per week.**

501. MODERN CONCEPTS IN BIOLOGY

3 hours credit

An advanced study of basic concepts of biology, emphasizing areas of recent progress. **Prerequisites:** Biology 111 and 112. **Two hours lecture and two hours laboratory per week.**

502. BIOLOGY AND ENVIRONMENT

3 hours credit

A study of organisms as integral parts of their environments, including field studies involving principles of taxonomy and ecology. **Prerequisites:** Biology 111 and 112. **Two hours lecture and two hours laboratory per week.**

510. CONTEMPORARY CELL PHYSIOLOGY 3 hours credit

A study of the chemical and physical laws and formalisms which govern vital function. The laboratory will involve techniques and instrumentation of current physiological investigation. **Two hours lecture and one three hour laboratory per week.**

BUSINESS ADMINISTRATION

425. BUSINESS POLICY

3 hours credit

Decision-making processes characteristic of the upper-echelon administrative point of view. Relevant theory and appropriate case studies will be discussed. Attention will be focused on the qualitative distinction between tactical and strategic organizational decisions and policy decisions. **Prerequisite:** BUAD 320. **Three hours per week.**

430. MARKETING MANAGEMENT

3 hours credit

An analysis approach to the study of marketing problems of business firms. Attention is focused on the influence of the marketplace, the industry structure, and the role of government. **Prerequisite:** BUAD 330. **Three hours per week.**

COMMUNICATION ARTS

403. CREATIVE DRAMATICS IN ELEMENTARY EDUCATION

3 hours credit

Emphasis is centered upon the manner in which creative dramatics assists in the growth of the child. The course considers creative dramatics as a motivating factor in the teaching and learning process. **Three hours per week.**

404. PROBLEMS IN EDUCATIONAL THEATRE 3 hours credit

To assist teachers who are, or expect to be, supervising dramatic activities in secondary schools with such problems as choice of literature, casting, directing, organization of student help, and inexpensive methods of production. **Prerequisite:** Communication Arts 304 or consent of instructor. **Three hours per week.**

410. SPEECH CORRECTION AND THE CLASSROOM TEACHER

3 hours credit

A study of childhood speech and hearing disorders and methods for the classroom teacher in effectively dealing with student referral, the promotion of good speech habits, and therapeutic reinforcement. **Three hours per week.**

500. ORAL READING AND THE TEACHING OF LITERATURE

3 hours credit

Designed to lead the student to an awareness of literature through the performing self, to reinforce the concept that one's physiological

and psychological processes are bound together in the act of understanding what stories and poems mean. **Three hours per week.**

510. SEMINAR IN INTERPERSONAL COMMUNICATION

3 hours credit

The investigation of speech-communication from the point of view of conflict, manipulation, barriers and breakdowns; factors which undermine human potential for optimum reciprocal social intercourse. **Three hours per week.**

ECONOMICS

401. ECONOMIC THOUGHT

3 hours credit

A survey of main trends in economic thought, showing their relation to current economic and social problems, with emphasis on readings from selected economists. **Prerequisites:** Economics 201, 202. **Three hours per week.**

402. COMPARATIVE ECONOMIC SYSTEMS

3 hours credit

A comparative study of contemporary economic systems in capitalist, socialist and communist societies. **Prerequisites:** Economics 201, 202. **Three hours per week.**

407. MANAGERIAL ECONOMICS

3 hours credit

The systematic study of how resources should be allocated in a particular productive enterprise through purposive decisions made by managers of the enterprise. **Prerequisites:** Economics 201, 202, and 331; BUAD 201 and 202; and Mathematics 113. **Three hours per week.**

451. THE AMERICAN ECONOMY

3 hours credit

Analysis of the American economic structure with emphasis on factors affecting its growth and stability. (Not open to students with credit in Economics 201 or its equivalent.) **Three hours per week.**

452. PROBLEMS IN AMERICAN ECONOMIC

LIFE

3 hours credit

A workshop emphasizing practical economic issues to assist the average citizen in understanding and dealing with common problems of an economic nature, showing working relationships between citizen, consumer and institutions in American economic life. **Three hours per week.**

495. ECONOMICS OF POVERTY

3 hours credit

This course is designed as interdisciplinary to better meet the needs of majors in economics, education and sociology. The course analyzes the various aspects or causes of poverty in conjunction with alternative "solutions" to minimize the problem with or without impinging on other social or economic goals. **Prerequisite :** Economics 201 or permission of the instructor. **Three hours per week.**

EDUCATION

405. THE LAW AND PUBLIC EDUCATION

3 hours credit

A study of school law which affects the teacher and the public school. The nature and scope of school law are considered as generally applied to the purposes and functions of the school system. **Three hours per week.**

406. PHILOSOPHY OF EDUCATION

3 hours credit

A study of major philosophies and their influence upon the development of educational thought. Students are encouraged to identify and develop a personal philosophy of education. **Three hours per week.**

407. APPLIED AUDIO-VISUAL METHODS IN TEACHING

3 hours credit

The special application of audio-visual methods in reaching lesson objectives. A study of research in teaching with audio-visual methods is explored and related to the application at hand. **Prerequisites:** Education 307 or permission of instructor. **Three hours per week.**

408. CHILDREN'S LITERATURE

3 hours credit

A study of the works of important writers and artists in each of the major types of children's books (fairy tales, picture books, realistic fiction, fantasies, biographies, etc.). Historical trends and methods of incorporating children's literature into the elementary program are included. **Three hours per week.**

409. LITERATURE FOR ADOLESCENTS

3 hours credit

A study of literature written specifically for and about the contemporary adolescent with emphasis on methods of teaching aspects of it to build adolescent appreciation for the more established literary selections found in secondary school curriculum. **Prerequisite:** At least three courses in literature beyond English 102 are recommended or permission of the instructor. **Three hours per week.**

412. CURRICULUM AND METHODS IN ELEMENTARY SCHOOL PHYSICAL EDUCATION

3 hours credit

Principles of curriculum construction, selection and organization of materials. Lesson planning and teaching methods. Survey of current trends. **Prerequisite:** Admission to professional education program. **Three hours per week.**

413. TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL

3 hours credit

Selection, organization, presentation, and evaluation of social studies material in the elementary school. Consideration of recent theory and method in improving teaching of the social studies. **Three hours per week.**

417. TEACHING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL

3 hours credit

Developing and demonstrating practical methods of teaching language skills in the elementary school. Emphasis is on creative, inductive, modern techniques. **Three hours per week.**

419. TEACHING MUSIC IN THE ELEMENTARY SCHOOL

3 hours credit

Techniques for teaching music in the elementary school; study of the child voice; appropriate singing, listening, rhythmic, instrumental and creative activities; remedial work for poor singers, activities for musically talented children; comprehensive overview of music materials and their application to the elementary school curriculum. **Prerequisite:** Music 200, Fundamentals (or equivalent, or approval of instructor). **Three hours per week.**

420. FOUNDATIONS OF READING INSTRUCTION

3 hours credit

Developmental reading instruction intended for inservice teachers, supervisors and administrators. Lectures and demonstrations survey instructional goals, directed reading activities, word recognition and comprehension. **Three hours per week.**

421. THE TEACHING OF READING VOCABULARY

3 hours credit

Identification, diagnosis and remediation of vocabulary problems in reading. Recommended for teachers, supervisors, and administrators. Lectures and demonstrations deal with two basic areas of vocabulary growth: (1) concept development, and (2) word recognition with careful attention to the teaching of phonics. **Three hours per week.**

422. READING IN THE SECONDARY SCHOOL

3 hours credit

Development and evaluation of effective reading skills and habits, especially in the subject content fields, and consideration of problems of content, organization, readability, and method in teaching reading at higher levels. **Three hours per week.**

425. ENGLISH CURRICULUM

3 hours credit

Identifies problems and objectives in developing and organizing English curriculum materials; analyzes and evaluates a variety of curriculum guides and experimental programs. **Three hours per week.**

427. READING DISABILITIES

3 hours credit

Designed to study the analysis and correction of common reading disabilities. Includes points of view regarding retardation and factors underlying the causes of reading difficulties. **Three hours per week.**

429. TEACHING MUSIC IN THE SECONDARY SCHOOL

3 hours credit

Methods and materials of music teaching in grades 7-12. The areas

of emphasis are vocal, instrumental, and general music. **Prerequisite:** Music 200. **Three hours per week.**

432. MEASUREMENT AND EVALUATION

3 hours credit

A study of the purposes and procedures of measuring and evaluating characteristics of students, e.g., achievement, with particular emphasis on classroom decision-making in terms of instructional objectives and teacher-constructed tests. **Three hours per week.**

435. GUIDANCE

3 hours credit

A basic course in the principles of guidance and related pupil-personnel services for high school teachers, including the meaning and purpose of guidance and common adjustment problems. **Three hours per week.**

436. VOCATIONS: DEVELOPMENT AND APPRAISAL

3 hours credit

Surveys vocational choice with emphasis on developmental theory. Occupational information and the appraisal of vocational interests are emphasized. **Three hours per week.**

437. MATERIALS AND METHODS IN CAREER EDUCATION

3 hours credit

Rational for and methods of career education in elementary and secondary schools. Emphasis is given to the identification of psychological and philosophical bases, identification of researchable problems, implications and implementation of careers curricula. **Three hours per week.**

440. SAFETY EDUCATION

3 hours credit

Contemporary and anticipated accidents in the urban home, on the farm, in industry, recreation, transportation, and at school are explored. Principles and practices for reducing the frequency of accidents are developed. *For certification credit only.* **Three hours per week.**

441. DRIVER AND TRAFFIC SAFETY EDUCATION I

3 hours credit

Methods of teaching and the administration of high school driver and traffic safety education. The participant must acquire competence in transferring attitudes to students. *For certification credit only.* **Three hours per week.**

442. DRIVER AND TRAFFIC SAFETY EDUCATION II

3 hours credit

Methods of teaching and the administration of high school driver and traffic safety education. The participant must acquire, through supervised teaching experience, competence in developing and projecting his skills and techniques, as well as transferring necessary knowledge to students. *For certification credit only.* **Three hours per week.**

443. PUPIL TRANSPORTATION **3 hours credit**
Organization and the administration of state, county, and district pupil transportation service with emphasis on safety and economy. *For certification credit only. Three hours per week.*

444. THE PUBLIC SCHOOL TRANSPORTATION OF SCHOOL CHILDREN **3 hours credit**
A workshop to consider the problems of school bus transportation, and a review of research in this field. *For certification credit only. Three hours per week.*

445. CURRENT PROBLEMS IN TRAFFIC SAFETY **3 hours credit**
An advanced course in traffic safety relating to school and community, including evaluation of criteria for identifying problems and discussion of traffic safety administration. Research projects included. *For certification credit only. Prerequisite: Six hours in safety education or consent of instructor. Three hours per week.*

446. INTRODUCTION TO EARLY CHILDHOOD EDUCATION **3 hours credit**
An introduction to curriculum and methods in early childhood education, including theories, practices, techniques and materials. **Co-requisite:** Education 447 (unless exempt by instructor). **Prerequisite:** Admission to professional education program, or 60 semester hours of college credit with teaching experience. *Three hours per week.*

447. EXPERIENCES AND MATERIALS FOR EARLY CHILDHOOD **3 hours credit**
Experiences for development of young children through use of materials and appropriate activities. **Co-requisite:** Education 446 (unless previously taken). *Three hours per week.*

448. PROBLEMS OF EARLY CHILDHOOD EDUCATION **3 hours credit**
Research findings used as a basis for program planning in infants' and toddlers' centers, nursery schools, day care centers, kindergartens and primary grades. Current trends and issues are considered. **Prerequisites:** Education 446, 447. *Three hours per week.*

450. SOCIAL STUDIES IN EARLY CHILDHOOD EDUCATION **3 hours credit**
Exploration, use of and evaluation of materials, methods and activities in social studies for young children. *Three hours per week.*

451. MATHEMATICS IN EARLY CHILDHOOD EDUCATION **3 hours credit**
Exploration, use of and evaluation of materials, methods and activities in mathematics for young children. *Three hours per week.*

452. SCIENCE IN EARLY CHILDHOOD EDUCATION **3 hours credit**
A study of the methods and materials used in teaching science at the early childhood level. Experiences are provided in motivation, procedure and evaluation of science lessons. **Prerequisite:** Admission to professional education program. *Three hours per week.*

453. COMMUNICATION ARTS IN EARLY CHILDHOOD EDUCATION **3 hours credit**
Using a developmental approach, stressing enrichment in free and directed play, talking and listening skills and experimental learning, language acquisition of normal and disadvantaged children emphasized. **Prerequisite:** Admission to professional education program. *Three hours per week.*

460. METHODS AND CURRICULUM FOR TEACHING THE MENTALLY RETARDED **3 hours credit**
A survey of problems related to the development of teaching methods and curriculum for the retarded including current program adaptations and special methods. **Prerequisite:** Admission to professional education program or consent of department chairman, or in-service teacher. *Three hours per week.*

461. SEMINAR: TEACHING THE MENTALLY RETARDED **3 hours credit**
Individual research on problems of teaching the mentally retarded with discussion of techniques and approaches for meeting these problems is the focus of the course. **Prerequisite:** Consent of department chairman. *Three hours per week.*

464. TEACHING MATHEMATICS TO THE MENTALLY RETARDED **3 hours credit**
A study of the methods and materials used in teaching mathematics to the mentally retarded with a stress on adaptations of current curriculum materials. **Prerequisite:** Education 311. *Three hours per week.*

475. METHODS AND MATERIALS IN ENVIRONMENTAL EDUCATION **3 hours credit**
A course designed to increase the individual's awareness of his immediate environment with the aim of developing a broad philosophy of environmental education. Existing teaching methods and materials will be analyzed and new methods will be developed for use in inter-disciplinary problem-focused situations. **Prerequisite:** Senior standing. *Three hours per week.*

480. TEACHING CHILDREN WITH SPECIAL NEEDS **3 hours credit**
Introductory instruction in the observation, identification and

management of children, K-3 with mild to moderate learning problems. **Three hours per week.**

490. SPECIAL PROBLEMS AND

PRACTICES IN EDUCATION

Variable 1-6 hours credit

Individually designed programs including seminars, workshops, and courses in curriculum development, planning, evaluation, specialized areas of study for purposes of enrichment, in-depth study of special problems and/or professional practices in education. **Prerequisite:** Admission to professional program or permission of department chairman.

491. INDEPENDENT STUDY

Variable 1-3 hours credit

Designed to permit self-study of problems not considered in other courses. **Prerequisites:** Approval of course instructor and department chairman.

500. HISTORICAL AND SOCIAL

FOUNDATIONS

3 hours credit

Selected topics in intellectual and educational history from the time of ancient Greece to the present. The relation of education to historic traditions and social trends. **Prerequisites:** Education 300 and a course in teaching methods. **Three hours per week.**

502. INTRODUCTION TO RESEARCH

3 hours credit

An introduction to the methods of scientific inquiry. Gaining experience in the use of research in defining a problem and in collecting, organizing and presenting information on it. **Prerequisite:** A course in statistics or measurement and evaluation. **Three hours per week.**

505. THE LAW AND PROFESSIONAL

NEGOTIATIONS

3 hours credit

A study of professional negotiations from the point of the teacher or other public employees in service. Materials are taken from rapidly developing labor law in the public sector with special emphasis given to operation of the Maryland professional negotiations law for teachers. **Three hours per week.**

506. SEMINAR IN TEACHING OF

MATHEMATICS

3 hours credit

Analysis of recent theory and results of research for the teaching of mathematics. Students investigate developments at either the elementary or secondary school level. **Three hours per week.**

508. SEMINAR: RESEARCH IN HUMAN

DEVELOPMENT

3 hours credit

A survey of research techniques and findings in the field of human growth and development, with emphasis on recent investigations. **Prerequisites:** Psychology 210 and Education 300 or equivalent. **Three hours per week.**

510. SEMINAR: RECENT ISSUES IN

EDUCATION

3 hours credit

Analysis of selected recent issues in education for critical study. Each student is required to survey and critically evaluate pertinent research on at least one issue. **Prerequisites:** Education 300 and a course in teaching methods. **Three hours per week.**

512. PROBLEMS OF TEACHING SOCIAL

STUDIES

3 hours credit

Analysis of theory and research in the social sciences as applied to developing and teaching the social studies at either the elementary or secondary school level. **Three hours per week.**

513. SEMINAR IN THE TEACHING OF SCIENCE

3 hours credit

Analysis of recent advances in the teaching of science and the development of skills in applying these to classroom teaching at the elementary or secondary school level. **Three hours per week.**

514. SEMINAR IN CURRICULUM

CONSTRUCTION

3 hours credit

A study of the factors underlying the public school curriculum and its development. Opportunities are provided for individual research in curriculum construction at either the elementary or secondary school level. **Prerequisites:** Education 300 and a course in teaching methods. **Three hours per week.**

516. PUBLIC SCHOOL ADMINISTRATION

3 hours credit

An analysis of the responsibilities of the school administrator including procedures for staff organization, in-service training, curriculum development, scheduling, guidance, and other facets of school administration. **Three hours per week.**

517. PUBLIC SCHOOL SUPERVISION

3 hours credit

A study of the nature, methods, and techniques of public school supervision emphasizing human relationship and other factors involved in the role of the supervisor. **Three hours per week.**

520. READING DIAGNOSIS AND CORRECTION

3 hours credit

An advanced course dealing with analysis of reading retardation, data collecting, case reporting, prognosis, referrals and recommended programs of instruction. **Prerequisites:** Nine hours of graduate work in reading and permission of the instructor. **Three hours per week.**

530. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in master's degree program under director of departmental supervision.

535. THE ROLE OF THE SUPERVISING

TEACHER

3 hours credit

A study of recent trends in teaching and supervising student

teachers. Emphasis is given to evaluating the total teaching-learning situation and to organizing and planning the instructional program. **Prerequisite:** Special departmental permission.

540. COUNSELING: THEORY AND PRACTICE 3 hours credit

Introduction to the theories and techniques of counseling applicable to the counselors' work in the public school. Students will become familiar with current personality theories as applied to counseling. Techniques of conducting interviews are included. **Prerequisite:** Basic guidance course. **Three hours per week.**

541. GUIDANCE TECHNIQUES IN ELEMENTARY SCHOOL 3 hours credit

A study of the role of the guidance specialist in the elementary school. Emphasis on current approaches to providing pupil personnel services for children from kindergarten through grade six. For teachers, supervisors and potential counselors. **Prerequisite:** Introductory guidance course. **Three hours per week.**

542. GUIDANCE TECHNIQUES IN SECONDARY SCHOOL 3 hours credit

A study of the role of the guidance specialist in the secondary school. Emphasis on current approaches to providing personal, educational, vocational guidance to youth from grades seven through twelve. For teachers, supervisors, and potential counselors. **Prerequisite:** An introductory guidance course. **Three hours per week.**

543. SUPERVISED PRACTICUM IN GUIDANCE 3 hours credit

Participation in a guidance program at the grade level of interest to the student counselor. Regular conferences with the counseling supervisor are held. Critiques of tape recorded interviews are made. **Prerequisites:** Teaching experience, at least nine hours of guidance related course work including counseling theory and practice, and consent of the instructor.

598. INTERGROUP RELATIONS IN THE SCHOOL 3 hours credit

A seminar-workshop course designed to focus attention on philosophy and method of dealing with current social problems of race, religion and disadvantaged in the public schools. **Prerequisites:** College degree and teaching experience.

ENGLISH

401. ENGLISH DRAMA 3 hours credit

A study of the works of major English dramatists of the Elizabethan Period (except Shakespeare), the Restoration, and the eighteenth century. **Prerequisites:** English 101, 102. **Three hours per week.**

402. MODERN DRAMA 3 hours credit

A study of the works of European and American dramatists from Ibsen to Pinter. **Prerequisites:** English 101, 102. **Three hours per week.**

405. SHAKESPEARE 3 hours credit

A study of the outstanding comedies and histories, and an intensive study of the major tragedies. **Prerequisites:** English 101, 102. **Three hours per week.**

406. THE AMERICAN NOVEL 3 hours credit

A study of the work of outstanding American novelists, from Cooper through Dreiser. **Prerequisites:** English 101, 102. **Three hours per week.**

407. THE MODERN NOVEL 3 hours credit

A study of selected modern novelists, chiefly American and British, from Anderson and Lewis to Graham Greene and Cary. **Prerequisites:** English 101, 102. **Three hours per week.**

408. MODERN POETRY 3 hours credit

A study of the works of selected British and American poets, from Yeats to the present, and of leading poetic tendencies. **Prerequisites:** English 101, 102. **Three hours per week.**

409. LITERARY CRITICISM 3 hours credit

A study of the effectiveness of literary criticism as a dimension of the study of literature. Both the history and the application of the theory are introduced. **Prerequisite:** Three literature courses beyond English 102. **Three hours per week.**

415. ADVANCED COMPOSITION 3 hours credit

A study of the forms and discourse covering the theory and practice of rhetoric, primarily for teachers of writing. **Prerequisites:** English 101, 102. **Three hours per week.**

417. THE ENGLISH NOVEL. I 3 hours credit

A history of the development of the English novel from its beginnings through the eighteenth century. **Prerequisites:** English 101, 102. **Three hours per week.**

418. THE ENGLISH NOVEL. II 3 hours credit

A history of the development of the English novel during the nineteenth century. **Prerequisites:** English 101, 102. **Three hours per week.**

422. A SURVEY OF MODERN GRAMMARS 3 hours credit

An historical approach to the study of the descriptions of the systems of the language, examining the traditional, the structural, the transformational, and the tagmemic approaches. **Prerequisites:** English 101, 102. **Three hours per week.**

teachers. Emphasis is given to evaluating the total teaching-learning situation and to organizing and planning the instructional program. **Prerequisite:** Special departmental permission.

540. COUNSELING: THEORY AND PRACTICE 3 hours credit

Introduction to the theories and techniques of counseling applicable to the counselors' work in the public school. Students will become familiar with current personality theories as applied to counseling. Techniques of conducting interviews are included. **Prerequisite:** Basic guidance course. **Three hours per week.**

541. GUIDANCE TECHNIQUES IN ELEMENTARY SCHOOL 3 hours credit

A study of the role of the guidance specialist in the elementary school. Emphasis on current approaches to providing pupil personnel services for children from kindergarten through grade six. For teachers, supervisors and potential counselors. **Prerequisite:** Introductory guidance course. **Three hours per week.**

542. GUIDANCE TECHNIQUES IN SECONDARY SCHOOL 3 hours credit

A study of the role of the guidance specialist in the secondary school. Emphasis on current approaches to providing personal, educational, vocational guidance to youth from grades seven through twelve. For teachers, supervisors, and potential counselors. **Prerequisite:** An introductory guidance course. **Three hours per week.**

543. SUPERVISED PRACTICUM IN GUIDANCE 3 hours credit

Participation in a guidance program at the grade level of interest to the student counselor. Regular conferences with the counseling supervisor are held. Critiques of tape recorded interviews are made. **Prerequisites:** Teaching experience, at least nine hours of guidance related course work including counseling theory and practice, and consent of the instructor.

598. INTERGROUP RELATIONS IN THE SCHOOL 3 hours credit

A seminar-workshop course designed to focus attention on philosophy and method of dealing with current social problems of race, religion and disadvantaged in the public schools. **Prerequisites:** College degree and teaching experience.

ENGLISH

401. ENGLISH DRAMA 3 hours credit

A study of the works of major English dramatists of the Elizabethan Period (except Shakespeare), the Restoration, and the eighteenth century. **Prerequisites:** English 101, 102. **Three hours per week.**

402. MODERN DRAMA 3 hours credit

A study of the works of European and American dramatists from Ibsen to Pinter. **Prerequisites:** English 101, 102. **Three hours per week.**

405. SHAKESPEARE 3 hours credit

A study of the outstanding comedies and histories, and an intensive study of the major tragedies. **Prerequisites:** English 101, 102. **Three hours per week.**

406. THE AMERICAN NOVEL 3 hours credit

A study of the work of outstanding American novelists, from Cooper through Dreiser. **Prerequisites:** English 101, 102. **Three hours per week.**

407. THE MODERN NOVEL 3 hours credit

A study of selected modern novelists, chiefly American and British, from Anderson and Lewis to Graham Greene and Cary. **Prerequisites:** English 101, 102. **Three hours per week.**

408. MODERN POETRY 3 hours credit

A study of the works of selected British and American poets, from Yeats to the present, and of leading poetic tendencies. **Prerequisites:** English 101, 102. **Three hours per week.**

409. LITERARY CRITICISM 3 hours credit

A study of the effectiveness of literary criticism as a dimension of the study of literature. Both the history and the application of the theory are introduced. **Prerequisite:** Three literature courses beyond English 102. **Three hours per week.**

415. ADVANCED COMPOSITION 3 hours credit

A study of the forms and discourse covering the theory and practice of rhetoric, primarily for teachers of writing. **Prerequisites:** English 101, 102. **Three hours per week.**

417. THE ENGLISH NOVEL I 3 hours credit

A history of the development of the English novel from its beginnings through the eighteenth century. **Prerequisites:** English 101, 102. **Three hours per week.**

418. THE ENGLISH NOVEL II 3 hours credit

A history of the development of the English novel during the nineteenth century. **Prerequisites:** English 101, 102. **Three hours per week.**

422. A SURVEY OF MODERN GRAMMARS 3 hours credit

An historical approach to the study of the descriptions of the systems of the language, examining the traditional, the structural, the transformational, and the tagmemic approaches. **Prerequisites:** English 101, 102. **Three hours per week.**

423. LANGUAGE AND CULTURE**3 hours credit**

A linguistic approach to the study of the history of the language, stressing the evolution of the language from perspectives of dialectology, lexicography, and semantics along with the phonological, morphological, and syntactic change. **Prerequisites:** English 101, 102. **Three hours per week.**

424. DIALECTOLOGY**3 hours credit**

Study of speech variation from group to group with reference to geographical areas, socio-economic-education levels. Levels of formality, age, sex and occupation with attention to Eastern Shore dialects as they reflect differences; field methods. **Prerequisites:** English 225, 422, or consent of instructor. **Three hours per week.**

432. CHAUCER AND MIDDLE ENGLISH**LITERATURE****3 hours credit**

A study of Chaucer's major works as well as typical works of his period. **Prerequisites:** English 101 and 102. **Three hours per week.**

434. RENAISSANCE LITERATURE**3 hours credit**

A study of the major works of English literature from 1500 to 1660. **Prerequisites:** English 101 and 102. **Three hours per week.**

436. EIGHTEENTH CENTURY LITERATURE**3 hours credit**

A study of English literature from the Restoration through the Neo-Classical Age. **Prerequisites:** English 101 and 102. **Three hours per week.**

438. ROMANTIC LITERATURE**3 hours credit**

A study of the major works of English literature of the Pre-Romantic and Romantic Periods. **Prerequisites:** English 101 and 102. **Three hours per week.**

440. VICTORIAN LITERATURE**3 hours credit**

A study of the major works of English literature during the reign of Queen Victoria. **Prerequisites:** English 101 and 102. **Three hours per week.**

**450. PHILOSOPHICAL CONCEPTS
IN LITERATURE****3 hours credit**

An examination of philosophical concepts in literature. The concept to be dealt with will change from offering to offering. **Prerequisites:** English 101, 102, and Philosophy 201. **Three hours per week.**

455. A SURVEY OF WORLD MYTHOLOGY**3 hours credit**

Primitive, oriental, and occidental with emphasis on classical, nordic, and Judaeo-Christian myths. Application of principles of myth and folklore criticism to western literature — ancient, classical, medieval, and modern. **Prerequisites:** English 101 and 102. **Three hours per week.**

**456. INTRODUCTION TO FOLKLORE AND
FOLKLINE****3 hours credit**

Anglo-American — genres, folklore criticism, folkgroups; non-Anglo folklore; applications — folklore collection in the field, and methods of annotating and archiving. **Prerequisites:** English 101, 102. **Three hours per week.**

**500. SEMINAR: MAJOR AMERICAN WRITERS
OF THE NINETEENTH CENTURY****3 hours credit**

A thorough study of the works of two writers from among Emerson, Thoreau, Hawthorne, Melville, Whitman, Twain, James, and Crane. **Prerequisites:** English 101, 102. **Three hours per week.**

**501. SEMINAR: MAJOR AMERICAN WRITERS
OF THE TWENTIETH CENTURY****3 hours credit**

A thorough study of the works of two writers from among Frost, Eliot, Fitzgerald, O'Neill, Faulkner, Hemingway, Steinbeck, and Williams. **Prerequisites:** English 101, 102. **Three hours per week.**

502. SEMINAR IN ENGLISH LITERATURE I**3 hours credit**

A study of selected topics in English literature from the beginnings to 1660. From time to time the course will concern itself with major authors, genres, and literary themes. **Prerequisites:** English 101 and 102. **Three hours per week.**

503. SEMINAR IN ENGLISH LITERATURE II**3 hours credit**

A study of selected topics in English literature from the Restoration and Romantic periods. From time to time the course will concern itself with major authors, genres, and literary themes. **Prerequisite:** English 101, 102. **Three hours per week.**

504. SEMINAR IN ENGLISH LITERATURE III**3 hours credit**

A study in selected topics in English literature of the Victorian and modern periods. From time to time the course will concern itself with major authors, genres, and literary topics. **Prerequisites:** English 101, 102. **Three hours per week.**

508. CONTEMPORARY LITERATURE**3 hours credit**

A study of selected contemporary work exemplary of the character of contemporary writing. Reading is done in the novel, drama, the short story, and poetry. **Prerequisites:** English 101, 102. **Three hours per week.**

509. SEMINAR IN LANGUAGE STUDY**3 hours credit**

A study of selected topics in language and linguistics. The course focuses in different semesters on such topics as the new English, descriptive or historical linguistics, morphology-syntax, or phonetics and phonemics, teaching standard English to speakers of other languages, or standard English to speakers of other dialects. The

course may be repeated once for credit. **Prerequisite:** English 225 or 422 or consent of instructor. **Three hours per week.**

530. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in master's degree program under direction of departmental supervision.

FRENCH

**440. FRENCH CULTURE AND CIVILIZATION
OF CONTEMPORARY FRANCE**

3 hours credit

An in-depth, on-location study of French culture through gastronomy: Consists of two weeks at La Chambre de Commerce de L'Alimentation de Paris, plus lectures designed to assist the comprehension of the great transition (revolution) occurring in contemporary French thought and extensive touring throughout France. **Three hours per week.**

GEOGRAPHY

**400. REGIONAL GEOGRAPHY OF EASTERN
EUROPE AND THE SOVIET UNION**

3 hours credit

A general treatment of the physical and cultural patterns of eastern Europe and the Soviet Union showing interrelationships and emphasizing those regions in rapid transition. Some attention is directed to the geographical foundations of Soviet international relations. **Three hours per week.**

401. REGIONAL GEOGRAPHY OF AFRICA

3 hours credit

An examination of the contemporary patterns of life in Africa, particularly Sub-Saharan Africa, from a regional viewpoint. Special attention is given to the interplay of physical and cultural elements, economic activities, demographic trends, regional development and spatial interaction. **Three hours per week.**

**403. REGIONAL GEOGRAPHY OF THE
MEDITERRANEAN LANDS**

3 hours credit

A study of the geographic unity and complexity of the lands bordering the Mediterranean Sea. Current problems are considered in the geographic setting. **Three hours per week.**

405. URBAN GEOGRAPHY

3 hours credit

A study of the growth, development and functions of cities as geographic units and their relationships to their hinterland. Some time is devoted to urban planning and urban land use mapping. Occasional field work is scheduled. **Three hours per week.**

406. REGIONAL ECONOMIC DEVELOPMENT

3 hours credit

An analysis of the spatial incidence of economic growth. Emphasis

is placed on the spatial dimension as an important consideration in the theory and practice of economic development. **Three hours per week.**

411. GEOMORPHOLOGY

3 hours credit

This course deals with land form analysis. Treatment is given to the agents of erosion and deposition — water, wind and ice, and to the internal forces which leave visible evidence on the earth's surface. **Four hours per week.** Four one-day and one three-day field trips.

413. CLIMATOLOGY

3 hours credit

An analysis of climatic elements and their control. Consideration is given to climatic classifications and the distribution of climatic types. **Four hours per week.**

415. SELECTED PROBLEMS

3 hours credit

This course is designed for the geography or other social science major who desires to do research in the field of geography. The problems may be in the nature of library research, field research, or a combination of both. Choice is with departmental approval. Specific topic will be indicated on transcript. May be taken twice for credit. **Prerequisite:** Fifteen hours of Geography or consent of instructor. **Three hours per week.**

422. READINGS IN GEOGRAPHY

3 hours credit

Selected readings designed to permit study in depth of selected topics. Choice is with departmental approval. Specific topic will be indicated on transcript. May be taken twice for credit. **Prerequisite:** Fifteen hours in Geography or consent of instructor. **Three hours per week.**

**500. GEOGRAPHICAL INFLUENCES IN
AMERICAN HISTORY**

3 hours credit

A study of the geographical influences affecting the historical growth and development of North America from colonial times to the present. **Prerequisite:** Geography 206 or consent of the instructor. **Three hours per week.**

502. SEMINAR: ANGLO-AMERICA

3 hours credit

An analysis of selected problems concerning the physical and human geography of Anglo-America. A seminar paper is required. Topics selected with the consent of instructor. **Prerequisite:** Geography 206 or consent of instructor. **Three hours per week.**

**503. SEMINAR: REGIONAL AND HISTORICAL
GEOGRAPHY OF EUROPE**

3 hours credit

An analysis of selected problems concerning the physical, political and historical geography of Europe. A seminar paper is required. Topics selected with consent of instructor. **Prerequisite:** Geography 304 or consent of instructor. **Three hours per week.**

504. SEMINAR: PHYSICAL GEOGRAPHY **3 hours credit**
A seminar dealing with current problems in areas of meteorology, climatology, soils, geomorphology and vegetation. Individual research and presentation of papers. Topics selected with consent of instructor. **Three hours per week.**

530. DIRECTED RESEARCH **3 hours credit**
Preparation of optional research project in master's degree program under departmental direction. **Three hours per week.**

HEALTH

401. COMMUNITY HEALTH (MW) **3 hours credit**
A study of the factors involved in improving public health, including a survey of community health problems and resources, and the role of the teacher in community health. **Three hours per week.**

HISTORY

400. HISTORY OF MARYLAND **3 hours credit**
A study of Maryland history and government from the colonial period to the present. The course places special stress on the leaders, institutions, and contributions made in Maryland and by Maryland to the nation. **Three hours per week.**

401. AMERICAN DIPLOMACY **3 hours credit**
An historical study of the foreign relations of the United States and the resultant diplomatic negotiations from 1776 to the present. **Three hours per week.**

405. THE UNITED STATES IN THE TWENTIETH CENTURY I **3 hours credit**
Populism to 1932. A study of the political, economic, intellectual, and social problems attending America's rise to world power later in the 19th century, her involvement in World War I, the changes attending that conflict and the problems of the 1920's. **Three hours per week.**

406. THE UNITED STATES IN THE TWENTIETH CENTURY II **3 hours credit**
F.D. Roosevelt to the present. A study of the efforts of the United States to resolve the complex problems of the 1930's intensified by the Great Depression, its involvement in World War II, and struggles to maintain peace in the post-war world. **Three hours per week.**

407. THE WESTWARD MOVEMENT **3 hours credit**
A study of the Westward Movement from the Atlantic to the trans-Alleghany and trans-Mississippi West, with emphasis upon the influence of the frontiers in shaping American civilization. **Three hours per week.**

409. RECENT TRENDS AND DEVELOPMENT IN LATIN AMERICA **3 hours credit**
An examination of the important political, economic and military changes in Latin America, particularly those of the twentieth century. **Three hours per week.**

411. PROBLEMS IN LATIN AMERICAN HISTORY **3 hours credit**
Readings, reports, and discussion of historical problems of Latin American development. **Three hours per week.**

412. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I (1600-1875) **3 hours credit**
(See course description in History 413.)

413. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES II (1876 to present) **3 hours credit**
These courses are a study of American thought as reflected by the people and leaders. The development of American heritage is covered from the Colonial Period to the present, with emphasis upon the intellectual, social, religious, and economic movements. The first course covers from the Colonial Period to Reconstruction and the second course from about 1876 to present. **Three hours per week.**

417. HISTORY OF SCIENCE AND TECHNOLOGY **3 hours credit**
A survey of the evolution of scientific achievements and technology in the western world, with particular emphasis on the cultural, economic and social implications of these developments. **Prerequisites:** History 101, 102. **Three hours per week.**

421. EUROPE IN THE TWENTIETH CENTURY WORLD **3 hours credit**
A study of the economic, social, intellectual, and political development of Europe, viewed in the context of world wars, depression, and conflicting political ideologies, showing the decline of European dominance and the rise of America and Asia. **Prerequisites:** History 101, 102. **Three hours per week.**

423. RUSSIA: RISE TO IMPERIAL POWER **3 hours credit**
A study of Russia from its beginnings to the reign of Nicholas II, with emphasis upon its eastward expansion. **Prerequisites:** History 101, 102. **Three hours per week.**

424. TWENTIETH CENTURY RUSSIA: REPRESSION, REVOLUTION AND CONSOLIDATION **3 hours credit**
A study of Russia from the reign of Nicholas II with emphasis upon

its changing role in world affairs. **Prerequisites:** History 101, 102. **Three hours per week.**

426. HISTORY OF SOUTHERN ASIA **3 hours credit**

A study of the Indian sub-continent and adjacent regions, their social development, the evolution of Hinduism and Buddhism, the Islamic, Mongol, and British conquests, the rise of nationalism, and the status of the region today. **Prerequisites:** History 101, 102. **Three hours per week.**

430. READINGS IN HISTORY **3 hours credit**

A readings course in History for students who have achieved above average in at least eighteen hours of history courses. This course may be taken twice, under different course titles, recorded with the Registrar. **Three hours per week.**

435. SENIOR THESIS **3 hours credit**

Individual research and preparation of a thesis by history majors. Topic to be approved by Department chairman. **Three hours per week.**

437. HISTORY OF EUROPEAN IDEAS **3 hours credit**

A survey of the western intellectual tradition, beginning with its heritage from the ancient world, and emphasizing the main currents of European thought from the Middle Ages to the present. Particular emphasis will be placed on the rise of a spirit of free inquiry, the development of a scientific attitude, and the growth of a distinct intellectual class. **Prerequisites:** History 101, 102. **Three hours per week.**

440. MINORITY GROUPS IN UNITED STATES HISTORY **3 hours credit**

Attention is given to the role and contribution of minority groups in general, with special emphasis on some of the larger and older minority groups. **Three hours per week.**

450. SELECTED PROBLEMS IN EUROPEAN THOUGHT AND CULTURE, 1700-1840 **3 hours credit**

Readings and discussion in this course will focus on intellectual currents in England, France and Germany in the 18th and early 19th centuries. Works of contemporary writers will be examined in the context of social and political developments. **Prerequisites:** History 101, 102. **Three hours per week.**

460. HISTORY OF CHINA SINCE 1800 **3 hours credit**

The revolutionary transformation of China from the nineteenth century to the present, with emphasis on the impact of imperialism, the profound effects of western technology and foreign policy wrought by the history of her relations with the west. **Prerequisites:** History 101, 102. **Three hours per week.**

490. STUDIES IN HISTORY **3 hours credit**

An intensive historical study of particular periods; groups; economic, intellectual, cultural, social movements, and/or institutions. This course may be taken twice, under different course titles recorded with the Registrar.

500. MAJOR FORCES IN WORLD CIVILIZATIONS **3 hours credit**

Consideration of such major forces as religion, race, socialism, capitalism, communism, nationalism, and imperialism on the development of world civilizations. **Three hours per week.**

502. SEMINAR: COLONIAL AND REVOLUTIONARY AMERICA **3 hours credit**

A study of colonial institutions and the American Revolutionary movement. Emphasis is placed upon the study of specific topics through individual research projects. This course may be taken twice, under different course titles, recorded with the Registrar. **Three hours per week.**

504. SEMINAR IN EUROPEAN HISTORY **3 hours credit**

A seminar designed to enable the student to explore, through intensive research, basic problems in modern European history. The period or topics to be studied will be selected by the instructor. **Three hours per week.**

505. SEMINAR: MARYLAND HISTORY **3 hours credit**

A seminar designed to acquaint students, through readings and research, with some of the major problems and developments in the history of Maryland. This course may be taken twice, under different course titles, recorded with the Registrar. **Three hours per week.**

506. SEMINAR IN TWENTIETH CENTURY AMERICA **3 hours credit**

A seminar enabling the student to explore intensively specific periods and/or problems in this century through individual research. This course may be taken twice, under different course titles, recorded with the Registrar. **Three hours per week.**

508. SEMINAR IN AMERICAN DIPLOMACY **3 hours credit**

A seminar permitting students to investigate, through reading and research, selected problems in the history of American diplomacy. This course may be taken twice, under different course titles, recorded with the Registrar. **Three hours per week.**

510. SEMINAR IN LATIN AMERICAN HISTORY **3 hours credit**

An intensive study of major institutions and specific periods in

Latin America through readings and research. **Three hours per week.**

530. DIRECTED RESEARCH **3 hours credit**
Preparation of optional research project in Master's degree program under direction of departmental supervision. **Three hours per week.**

531. THESIS **3 hours credit**

MATHEMATICS

402. THEORY OF NUMBERS **3 hours credit**
Basic concepts: integers, prime numbers, divisibility, congruences, and residues. **Prerequisite:** Mathematics 201. **Three hours per week.**

406. GEOMETRIC STRUCTURES **3 hours credit**
An axiomatic development of incidence, ordered incidence, affine and absolute geometries. Investigation of the Euclidean Parallel Postulate and its consequences, including similarity, area and volume. **Prerequisite:** Mathematics 201 or equivalent. **Three hours per week.**

407. NONEUCLIDEAN GEOMETRY **3 hours credit**
Saccheri Quadrilaterals, open triangles and critical parallels in absolute geometry. The Lobachevskian Parallel Postulate and properties of Hyperbolic Geometry. Construction of a model of Hyperbolic Geometry in Euclidean 3-Space. **Prerequisite:** Mathematics 201 or equivalent. **Three hours per week.**

413. PROBABILITY **3 hours credit**
A study of finite sample space, including probability measure, random variables, frequency distributions, independence, variance regression, and correlation. Extension to countably infinite and continuous sample spaces. **Prerequisite:** Mathematics 202 or consent of instructor. **Three hours per week.**

421. INTRODUCTION TO MATHEMATICAL LOGIC **3 hours credit**
An introduction to the concepts of logic and methods of proof, along with applications to mathematics. **Prerequisite:** Consent of instructor. **Three hours per week.**

431. POINT SET TOPOLOGY **3 hours credit**
Topological spaces, homeomorphisms, compactness, product spaces; applications of these to various spaces with particular attention to Euclidean Space. **Prerequisites:** Mathematics 202 and consent of instructor. **Three hours per week.**

441. ABSTRACT ALGEBRA **3 hours credit**
An introduction to the Theory of Groups, rings, integral domains and fields, including basic properties of polynomials. **Prerequisite:** Mathematics 201. **Three hours per week.**

451. ANALYSIS I **3 hours credit**
An introductory course to Modern Abstract Analysis including: real and extended real number systems, complex numbers, metric spaces, Weierstrass and Heine-Borel theorems in Euclidean N-Space, continuity and uniform continuity, L'hospital's Rule and Taylor's Theorem. **Prerequisite:** Mathematics 202. **Three hours per week.**

452. ANALYSIS II **3 hours credit**
A continuation of Analysis I including: the Riemann-Stieltjes Integral, sequence of functions and an introduction to Lebesgue Theory. **Prerequisite:** Mathematics 451. **Three hours per week.**

461. DIFFERENTIAL EQUATIONS **3 hours credit**
A course including first order linear differential equations, homogeneous equations, exact equations, second order equations with constant coefficients, and applications. **Prerequisite:** Mathematics 202. **Three hours per week.**

465. MATHEMATICAL MODELS AND APPLICATIONS **3 hours credit**
Mathematical basis for model building, examples of simple models for uncomplicated systems in biology, psychology, business and other fields, Finite Markov Processes, models for growth processes. **Prerequisite:** Consent of instructor. **Three hours per week.**

467. GAME THEORY AND LINEAR PROGRAMMING **3 hours credit**
Systems of linear inequalities, linear programming, geometric and computational aspects of linear optimization including the simplex algorithm, duality theorem, two-person zero-sum games, mixed strategies and optimal strategies, fundamental theorem of game theory, the simplex method and games. **Three hours per week.**

490. INDIVIDUAL STUDY **3 hours credit**
Supervised study in an area of interest to an advanced student. **Prerequisite:** Approval of the department. **Three hours per week.**

500. FOUNDATIONS OF NUMBER THEORY **3 hours credit**
Designed for teachers of arithmetic with emphasis on the development of the real number system and Elementary Number Theory. **Prerequisite:** One course in college mathematics or consent of instructor. **Three hours per week.**

501. FOUNDATIONS OF ALGEBRA **3 hours credit**
Emphasis is placed on algebraic structures as used in the modern approach to the teaching of algebra. **Prerequisite:** Mathematics 103 or 500. **Three hours per week.**

502. FOUNDATIONS OF GEOMETRY **3 hours credit**
Emphasis is placed upon the modern approach to the teaching of geometry. **Prerequisite:** Mathematics 103 or 500. **Three hours per week.**

506. SELECTED TOPICS **3 hours credit**
Designed for students with a major in mathematics to develop topics in mathematics not included in the undergraduate program or to extend areas previously studied. **Prerequisite:** Approval of the department.

507. SEMINAR: ALGEBRA **3 hours credit**
A seminar dealing with selected topics from linear and abstract algebra. A seminar paper is required. **Prerequisite:** Approval of the department.

508. TRANSFORMATION GEOMETRY **3 hours credit**
A study of the group-theoretic structure of geometry. Applications of isometries, similarities and affine transformations to Euclidean Geometry. **Prerequisite:** Mathematics 406 or equivalent.

530. DIRECTED RESEARCH **3 hours credit**
Preparation of optional research project in Master's degree program under direction of departmental supervision.

MUSIC

404. MUSIC FOR THE THEATRE **3 hours credit**
Historical and analytical study of opera, operetta, broadway musical, ballet, music for films; lecture-discussion, critical listening to recordings, individual research and extensive use of visual aids. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

405. MUSIC OF THE BAROQUE PERIOD **3 hours credit**
Analysis of the philosophy, musical forms and styles of the period 1600-1750, study of representative polyphonic choral and instrumental music by outstanding composers of the period. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

406. MUSIC OF THE CLASSICAL PERIOD **3 hours credit**
Analysis of philosophy, musical forms and styles of the period 1750-1825, with emphasis on the development of instrumental music study of representative recorded music by outstanding composers. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

407. MUSIC OF THE ROMANTIC PERIOD **3 hours credit**
Analysis of philosophy, musical forms and styles of the period 1820-1900, particularly as they were influenced by social and political forces; study of representative vocal and instrumental works. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

408. MODERN MUSIC **3 hours credit**
Emergence of new developments from late romantic music through serial and electronic music, including influences of jazz and considering the effects of social forces and current world events. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

411, 412. APPLIED MUSIC I AND II **3 hours credit each**
An advanced course in performance techniques using a wide variety of literature. A solo recital (alone, or sharing a program with other students) encompassing music of many styles and periods is a required culmination. Students will elect one performing medium (piano or voice or organ or other instrument) and must have completed the fourth course in the sequence for that instrument as a prerequisite. Each course may be repeated for credit once. **Three hours per week and a minimum of 12 individual practice hours per week.**

416. AMERICAN MUSIC **3 hours credit**
Analysis of musical forces and styles as they reflect the nation's development and America's unique contributions to the growth of music as an art form. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

426. ARRANGING FOR VOICES AND INSTRUMENTS **3 hours credit**
Fundamental techniques of scoring for various a cappella and accompanied voice combinations, scoring for orchestra, band and various instrumental combinations, special characteristics of each choir of instruments, range of voices, selection of suitable literature for treatment in different ensembles, with considerations of style. **Prerequisites:** Theory I through Theory IV and a minimum of one semester participation in or observation of a choral group and an instrumental ensemble.

429. MUSIC CONCEPTS FOR EARLY CHILDHOOD **3 hours credit**
Melodic and rhythmic elements within the cognitive, physical, and aural capabilities of young children (nursery school through primary grades), use of simple creative application to reinforce music concepts. **Prerequisite:** Music 200 or approval of instructor. **Three hours per week.**

430. MUSIC CONCEPTS FOR ELEMENTARY SCHOOL **3 hours credit**
Development of musical skills, with emphasis on part-singing.

piano accompaniments, combined rhythms, conducting skills, and creative application of these skills appropriate for the elementary school. **Prerequisite:** Music 200 or consent of the instructor. **Three hours per week.**

**490. DIRECTED INDEPENDENT STUDY IN
MUSIC**

1-3 hours credit

A tutorial course in any area of music open to seniors and graduate students. May include continuation of a skills development program begun in the lower level independent study course, or any type of individual research in music not normally included in courses offered by the department, or individual study of an area needed for teacher certification but not offered by the department in the current semester. Approval in writing of department chairman and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of 6 credits.

500. TWENTIETH CENTURY MUSIC

3 hours credit

Analysis of the manner in which melody, rhythm, harmony, form and orchestral instruments are used by major modern composers. Political, economic and social forces and current world events are considered for their effects on music of our time. **Three hours per week.**

PHILOSOPHY

400. PHILOSOPHICAL IMAGES OF MAN

3 hours credit

A study of the major figures of classical and contemporary thought as regards their philosophies of man. **Prerequisite:** Philosophy 201, 202, or consent of instructor. **Three hours per week.**

401. PHILOSOPHY OF RELIGION

3 hours credit

A study of the concepts and presuppositions of theology and the reasonings of theologians, as well as an examination of religious experiences and the activities of worship. **Prerequisite:** Philosophy 201, or 202, or consent of instructor. Three hours per week.

402. GOD IN MODERN AND CONTEMPORARY

PHILOSOPHY

3 hours credit

This course attempts to clarify and synthesize what modern philosophers say about God. It shows that regardless of the diversity of their opinions, there is an agreement about the basic problems. These problems center on God's existence, nature, and relationship to man. **Prerequisite:** Philosophy 201, 202 or 204 or permission of instructor. **Three hours per week.**

403. EXISTENTIALISM

3 hours credit

An examination of the main themes of this contemporary

philosophy which stresses the humanistic approach to the profound experiences of life are explored through the diverse themes of Kierkegaard, Sartre, Jaspers, Heidegger and Marcel. **Prerequisite:** Philosophy 201, 203 or 204. **Three hours per week.**

406. PHILOSOPHY OF SCIENCE

3 hours credit

A critical examination of the philosophical problems common to the natural sciences, such as the nature of scientific laws and theories, and problems involved in scientific explanation. **Prerequisite:** Philosophy 201, 202 or 204. **Three hours per week.**

407. THEORY OF KNOWLEDGE

3 hours credit

The course examines the sources, types, methods, structure and validity of knowledge. A study is made of classical, modern and contemporary sources of meaning, truth and perception with the intent of giving the student an acquaintance with an appreciation of the scope and limits of knowledge. **Prerequisite:** Philosophy 201, 202 or 204. **Three hours per week.**

**450. PHILOSOPHICAL CONCEPTS IN
LITERATURE**

3 hours credit

An examination of philosophical concepts in literature; the concept to be dealt with will change from offering to offering. **Prerequisites:** English 101, 102 and Philosophy 201. **Three hours per week.**

PHYSICAL EDUCATION

**406. ADMINISTRATION AND
ORGANIZATION (MW)**

3 hours credit

Problems of administrative structure and procedure, program planning, organization of physical education classes and departments, and organization of athletic programs. **Prerequisite:** Completion of at least 8 credits in practice/theory courses. **Three hours per week.**

408. MOVEMENT EDUCATION (MW)

3 hours credit

Analysis of the elements of human movement, with practical applications to the teaching of physical education in grades K through 12. Methods, materials, historical development, readings, practice. **Prerequisite:** Teaching or student-teaching experience, or completion of at least 8 credits of practice/theory courses. **Three hours per week.**

431. TESTS AND MEASUREMENTS (MW)

3 hours credit

Study of testing and evaluation techniques for physical education activities, survey of health tests, grading techniques, and statistical procedures. Mathematics 100 is strongly recommended as a prerequisite. **Three hours per week.**

450. KINESIOLOGY (MW)**3 hours credit**

The study of human motion with emphasis on the skeletal and muscular systems that are involved. **Prerequisites:** Biology 215, P.E. 312 and Physics 103 (Science 105 or equivalent.) **Three hours per week.**

451. PSYCHO-SOCIAL ASPECTS OF PHYSICAL EDUCATION (MW)**3 hours credit**

The interaction of physical education (sports) with the psychological and sociological development of the individual. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

452. APPLIED MOTOR LEARNING (MW)**3 hours credit**

The study of basic areas of investigation in motor learning and the relevance of findings to the teaching of physical education. **Prerequisite:** Consent of instructor. **Three hours per week.**

460. DANCE WORKSHOP (MW)**3 hours credit**

Theory and practice of dance forms used in public school physical education — children's rhythmic activities, modern dance, folk, square and tap dance. Designed as a three-weeks' summer school course for teachers. **Prerequisite:** Teaching experience or consent of instructor.

POLITICAL SCIENCE**401. POLITICAL THEORY****3 hours credit**

A survey of political thought based on the analysis of ideas of leading ancient, medieval and modern theorists including the historical setting of major theories, their impact on political institutions and social changes, and their contemporary significance. **Prerequisite:** Political Science 201. **Three hours per week.**

402. AMERICAN POLITICAL THEORY**3 hours credit**

A survey of the political concepts of the leading American theorists and the impact of these concepts on the American society from the colonial period to the present. **Prerequisite:** Political Science 201. **Three hours per week.**

410. INTERNATIONAL RELATIONS**3 hours credit**

A study of major factors underlying international relations including methods of conducting foreign relations, formation of foreign policies of major powers, and means of dealing with international conflicts. **Prerequisite:** Political Science 201. **Three hours per week.**

411. INTERNATIONAL LAW**3 hours credit**

A survey of the general principles and special rules of international

law as well as its recent trends and its relations to other aspects of international affairs. **Prerequisite:** Political Science 201. **Three hours per week.**

412. GOVERNMENT AND POLITICS OF LATIN AMERICA**3 hours credit**

A comparative study of politics and governments in selected countries in Latin America. **Three hours per week.**

415. COMPARATIVE ASIAN POLITICAL SYSTEMS**3 hours credit**

A study of the structure and evolution of political institutions in China, Japan, Korea, and other selected Asian nations since World War II with emphasis upon political modernization, ideology, and nationalism. **Prerequisite:** Political Science 201. **Three hours per week.**

420. INTERNATIONAL ORGANIZATION**3 hours credit**

A study of the bases of international organization and factors influencing their development, and considering also the functions and problems of such organizations as well as the future of the world community. **Prerequisite:** Political Science 201. **Three hours per week.**

430. LEGISLATIVE PROCESS IN THE UNITED STATES**3 hours credit**

An inquiry into the structural characteristics and functions of Congress and state legislatures. Factors that affect legislative decision making will also be given careful consideration. **Prerequisite:** Political Science 201. **Three hours per week.**

431. LOCAL GOVERNMENT IN THE UNITED STATES**3 hours credit**

An examination of county, metropolitan and municipal governments with emphasis on a description of these political subsystems, their place in the federal system, and the relationship between the socio-economic environment, governmental structure and public policy. **Prerequisite:** Political Science 201. **Three hours per week.**

500. PROBLEMS OF WORLD POLITICS**3 hours credit**

A study of the political problems and issues among the nations, such as propaganda, causes of war, armaments control, and neutrality, which affect the peace and security of the United States and other nations. **Three hours per week.**

PSYCHOLOGY

403. MEASUREMENT AND EVALUATION IN PSYCHOLOGY

3 hours credit

A coverage of correlational techniques, reliability and validity. Psychological tests and questionnaires are considered in terms of their measurement assumptions and utility. **Prerequisite:** Psychology 220 or consent of instructor. **Three hours per week.**

405. ABNORMAL PSYCHOLOGY

3 hours credit

A survey of the etiology, diagnosis and prognosis of neurosis, psychosis, psychosomatic disorders, transient situational maladjustments and personality disorders. Included will be a discussion of various treatment approaches. **Prerequisite:** Psychology 210. **Three hours per week.**

406. PSYCHOLOGY OF ATTITUDES AND ATTITUDE CHANGE

3 hours credit

This course is concerned with how attitudes are formed, measured, and changed. Emphasis will be placed on the classical theories and on new approaches to attitude formulation and change. **Prerequisite:** Psychology 306 or consent of instructor. **Three hours per week.**

408. HISTORY AND SYSTEMS IN PSYCHOLOGY

3 hours credit

Study of basic integrating theories of psychology. **Prerequisite:** Psychology 211 or consent of the instructor. **Three hours per week.**

412. PHYSIOLOGICAL PSYCHOLOGY

3 hours credit

The investigation of morphological, neurochemical, and physiological bases of behavior. **Prerequisite:** Psychology 210. **Three hours per week.**

415. MOTIVATION AND EMOTION

3 hours credit

A survey of experimental findings and theory of processes that energize and direct behavior. **Prerequisite:** Psychology 210. **Three hours per week.**

423. PSYCHOLOGY OF THE EXCEPTIONAL CHILD

3 hours credit

A study of children who vary from the norm including the gifted, physically handicapped, mentally handicapped, socially handicapped, emotionally disturbed. **Prerequisite:** Psychology 300 or Psychology 320 or Education 300 or consent of the instructor. **Three hours per week.**

430. LEARNING THEORY AND ITS APPLICATION

3 hours credit

A course designed to acquaint students with the theoretical base and experimental data to support a unified approach to human learning. This course will also provide the student with the direct applicability of learning theory to the education of the individual. **Prerequisite:** Education 300, Psychology 210 (or equivalent) or consent of the instructor. **Three hours per week.**

431. PHYSIOLOGICAL THEORIES OF LEARNING

3 hours credit

Advanced study of the role of the nervous system in the learning and memory processes, including biochemical theories of learning. **Prerequisite:** Psychology or Biology major; Psychology 305. **Three hours per week.**

450. COGNITIVE PROCESSES

3 hours credit

A consideration of theory and research concerning the higher mental processes. Topics to be covered include memory, attention, problem solving, thinking and reasoning. **Prerequisite:** Psychology 305 or consent of the instructor. **Three hours per week.**

455. CHILDREN'S LEARNING AND COGNITIVE DEVELOPMENT

3 hours credit

A survey of theory and research on the development of learning and conceptual behavior. Consideration will be given to mediation, attention, and differentiation theories as well as to the views of Piaget. The course is designed to provide familiarity with basic research underlying educational innovation and is only marginally concerned with application. **Prerequisite:** Psychology 305 or consent of the instructor. **Three hours per week.**

460. INTRODUCTION TO CLINICAL PSYCHOLOGY

3 hours credit

A comparative study of the theories and practices in the treatment of mental and emotional disorders. Included are the most commonly employed analytical, neo-analytical and behavioral systems of clinical psychology as well as a survey of psychodiagnostic materials. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

465. PRINCIPLES AND TECHNIQUES OF GROUP THERAPY

3 hours credit

A study of the principles and techniques of group counseling/psychotherapy and their application. Includes a review of the psychological and historical development of group therapy and a study of the pertinent research. Discussion and roleplaying are important elements of this course. **Prerequisite:** Advanced standing. **Three hours per week.**

468. THE PSYCHOLOGY OF MENTAL RETARDATION

3 hours credit

A study of the symptoms, causes, diagnosis, assessment, and treatment of mental retardation. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

490. INDIVIDUAL DIRECTED STUDY

1-3 hours credit

A course designed to enable advanced students to pursue through observation, experimentation, or library research a topic of their choosing. May be taken more than once for a maximum of six credits. **Prerequisite:** Consent of department chairman.

501. A SEMINAR IN THE PSYCHOLOGY OF THE MENTALLY RETARDED

3 hours credit

A seminar enabling the students to intensively investigate specific problems in the etiology, diagnosis, assessment and treatment of the mentally retarded. **Prerequisites:** College Degree, Psychology 468 and consent of instructor. **Three hours per week.**

502. INTELLIGENCE TESTING AND INDIVIDUAL ANALYSIS

3 hours credit

A course dealing with three focal areas: (A) theories of intelligence; (B) the administration of individual and group intelligence tests, including the Revised Stanford Binet, WISC, and WAIS; (C) reporting of intelligence test results. **Prerequisites:** Master's Degree student and consent of the instructor. **Three hours per week.**

503. BEHAVIORAL PROBLEMS IN CHILDREN AND YOUTH

3 hours credit

Study of behavior problems in children and young people ranging from mild personality disorders to psychoses. Special consideration is given to symptoms, etiology, and treatment. **Prerequisite:** Master's degree student and consent of instructor. **Three hours per week.**

504. MENTAL HYGIENE

3 hours credit

A study of the forces influencing the development of the stable and the deviate personality and how most effectively to deal with these factors. **Prerequisite:** Psychology 210 or consent of the instructor. **Three hours per week.**

505. PERSONALITY ASSESSMENT

3 hours credit

A survey of the techniques of personality evaluation including questionnaires, situational tests, attitude scales and interviewing procedures. **Prerequisites:** Psychology 502 and consent of instructor. **Three hours per week.**

507. PSYCHOTHERAPY AND COUNSELING

3 hours credit

A study of the philosophical and psychological assumptions and fundamental practices of the major approaches to psychotherapy and

counseling in modification of human behavior. **Prerequisites:** College degree and consent of instructor. **Three hours per week.**

510. PROJECTIVE TECHNIQUES

3 hours credit

Theory, research findings and clinical applications of major projective techniques employed in clinical psychology. **Prerequisite:** Psychology 502 and consent of the instructor. **Three hours per week.**

530. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in Master's degree program under direction of departmental supervision. **Prerequisite:** Consent of instructor. **Three hours per week.**

SCIENCE

400. SPECIAL TOPICS IN PHYSICAL SCIENCE

3 hours credit

A study of a specific area of physical science. The topic will vary from semester to semester. The course may be taken twice for credit. **Three hours per week.**

500. THE ROLE OF SCIENCE IN MODERN CIVILIZATION

3 hours credit

An historical consideration of the development of the scientific approach and a critical analysis of its continuing role in modern civilization. **Three hours per week.**

503. ADVANCED PHYSICAL SCIENCE I

3 hours credit

A study of selected basic concepts of physical science in the areas commonly encountered in elementary and general science teaching. Areas of study include atomic structure, radiation and nuclear energy. **Prerequisite:** Science 101, 105 or equivalent. **Two hours lecture and one two-hour laboratory per week.**

504. ADVANCED PHYSICAL SCIENCE II

3 hours credit

A study of selected basic concepts of physical science in areas commonly encountered in elementary and general science teaching selected from the areas of systematic and applied organic chemistry. **Prerequisite:** Science 101, 105 or equivalent. **Two hours lecture and one two-hour laboratory per week.**

530. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in Master's Degree program under direction of departmental supervision.

SOCIAL SCIENCE

400. CURRENT PROBLEMS

3 hours credit

A study is made of either general or special topics of our times. The

topics are considered from historic aspect and the present social and cultural setting in which they occur. **Three hours per week.**

SOCIOLOGY

411. THEORY AND METHODS OF SOCIAL RESEARCH

3 hours credit

An introduction to sociological methods employed in successful research. Basic theory, collection, analysis, interpretation of data, and preparation of reports. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

412. DEVELOPMENT OF SOCIAL THOUGHT **3 hours credit**

A survey of the development of sociology as a scientific discipline with emphasis upon differing and persistent theoretical and methodological orientations. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

413. THE SOCIOLOGY OF SMALL GROUPS **3 hours credit**

The study of the small (face-to-face) group, including basic concepts of group life, interpersonal relationships and their implications for effective communication and leadership in the fields of education, industry, etc. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

414. COMMUNITY ORGANIZATION **3 hours credit**

A critical examination of urban communities, their structures, organization, social processes, value systems, and use of social power. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

416. INDIVIDUAL DIRECTED STUDY **3 hours credit**

Intensive study in a selected and specific area of sociology through observation, experimentation, or library research. Open only to advanced students of outstanding ability majoring in sociology. **Prerequisites:** Sociology 211 and consent of instructor. **Three hours per week.**

417. THE SOCIOLOGY OF PUBLIC ADMINISTRATION **3 hours credit**

Major problems, issues and considerations in the administration, and supervision of public agencies, organizations, and associations operated as a public service. Current trends and recent developments in the field of public administration will be examined. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

418. ANALYSIS OF SMALL GROUP PARTICIPATION **3 hours credit**

Participation in an on-going group, with continuing analysis of the

group's development and the factors affecting the participation of the members. **Prerequisite:** Six hours of Sociology, including Sociology 211 or consent of instructor. **Three hours per week.**

460. A PRACTICUM OR INTERNSHIP **1 to 6 hours credit**

A work-study program with the primary emphasis on practical experiences to be learned while working with some governmental or community agency on the local, state, or national level. 1 to 6 hours to be determined by student and department coordinator prior to registration. **Prerequisites:** Nine hours of Sociology and consent of instructor.

499. EXPERIMENTAL SOCIOLOGY **3 hours credit**

Number reserved for courses approved by the Academic Council as an experimental response to student interest or community need. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

511. SOCIAL PLANNING **3 hours credit**

Scientific methods for the introduction of new or the changing of established programs involving the study of attitudes, objectives, and methods of winning and retaining support. **Prerequisite:** Six hours of Sociology or consent of instructor. **Three hours per week.**

512. GRADUATE SEMINAR IN SOCIOLOGY **3 hours credit**

Study and discussion of a selected topic of sociological significance, such as: Social movements, roots of social inequality, analysis of social power of the management of conflict. **Prerequisite:** Six hours of Sociology or consent of instructor. **Three hours per week.**

SOCIAL WELFARE

471. SOCIAL WORK METHODS I **3 hours credit**

Formulation of a common base for social work practice; utilization of interviewing and communication to develop helping relationships; identifying social worker roles and modes of intervention based upon application of social work and social science knowledge. **Prerequisite:** Sociology 375 or consent of the instructor. **Three hours per week.**

472. SOCIAL WORK METHODS II **3 hours credit**

Development of modes of intervention with individual, family, group and community selection; implementation and evaluation of modes of intervention to stabilize, develop and enhance social functioning of individual and family and groups. To be taken concurrently with Sociology 473. **Prerequisite:** Sociology 471 or consent of instructor. **Three hours per week.**

473. FIELD INSTRUCTION IN SOCIAL WORK I**6 hours credit**

Social work practice experience achieved through placement and participation in a community service or program; available only to students approved for social intervention. Emphasis will be placed upon use of observation, communication, interviewing, and utilization of community resources so that these skills and concepts may become significant for the student as a practitioner. Taken concurrently with Sociology 472. **1½ hours of seminar and 15 hours of field experience per week.** **Prerequisite:** Sociology 471 or consent of instructor.

475. FIELD INSTRUCTION IN SOCIAL WORK II**6 hours credit**

Continuation of direct experience in the delivery of social services with the assigned agency and increased emphasis on relationship and interaction, data collection and assessment, treatment, termination and evaluation. To be taken concurrently with Sociology 477. **1½ hours of seminar and 15 hours of field experience per week.** **Prerequisite:** Sociology 473 or consent of instructor.

477. SOCIAL WELFARE-SOCIAL WORK SEMINAR**3 hours credit**

Integration of human needs, ethical issues of intervention, values and necessity for practical solutions to social problems discovered in the field experience; exploration of current concerns within the social work profession and in selected practice across disciplines; dilemmas and problems in Social Welfare programs and services. To be taken concurrently with Sociology 475. **Prerequisite:** Sociology 473 or consent of instructor.

481. SOCIAL WORK IN SPECIAL SETTINGS**3 hours credit**

Social work concepts, methods and program development in selected settings such as school, medical, correctional, family and child welfare settings; study of setting; review and analyze organizational arrangements for social work practice in these settings. **Prerequisite:** Sociology 375 or consent of instructor. **Three hours per week.**

482. SOCIAL WORK WITH MINORITY GROUPS**3 hours credit**

Social work concepts, methods, values, commitments to program development for minority groups such as drug addicts, alcoholics, handicapped, aged, blacks, migrant workers, etc.; a careful look at sub-cultures, situational and significant organizational arrangements for social work practice with these groups. **Prerequisite:** Sociology 375 or consent of instructor. **Three hours per week.**

SPANISH**405. SPECIAL PROBLEMS IN SPANISH****3 hours credit**

Individual study of special areas in Spanish linguistics such as phonetics and diction; in the history and evolution of the language; or in Spanish and Latin American literature; with advice and direction from a member of the department. May be repeated by same student with new content. **Prerequisite:** Spanish 320, or 321 or consent of department chairman. **Three hours per week.**

412. SPANISH LITERATURE OF GOLDEN AGE**I - DRAMA****3 hours credit**

Study of selected masterpieces of Spanish drama of the *Siglo De Oro*. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

413. SPANISH LITERATURE OF GOLDEN AGE**II - POETRY AND PROSE****3 hours credit**

A study of selected masterpieces of Spanish poetry and prose of the *Siglo De Oro*. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

414. DON QUIJOTE**3 hours credit**

Study of Cervantes' novel *El Ingenioso Hidalgo Don Quijote de la Mancha*. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

415. NINETEENTH CENTURY SPANISH LITERATURE I - ROMANTICISM**3 hours credit**

A study of the development of Romanticism in Spanish literature through representative masterpieces by outstanding authors of the period. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

416. NINETEENTH CENTURY SPANISH LITERATURE II — POST-ROMANTICISM**3 hours credit**

A study of the development of the post-romantic movements in Spanish literature during the 19th century. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

417. NINETEENTH CENTURY SPANISH AMERICAN LITERATURE**3 hours credit**

A study of the major works in Spanish American literature of the 19th century. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

NOTES

418. CONTEMPORARY SPANISH AND LATIN

AMERICAN NOVEL

3 hours credit

Study of selected Spanish and Latin American novels. The novels will vary from year to year. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

419. CONTEMPORARY SPANISH AND LATIN

AMERICAN DRAMA

3 hours credit

Study of selected Spanish and Latin American dramas. The dramas chosen will vary from year to year. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

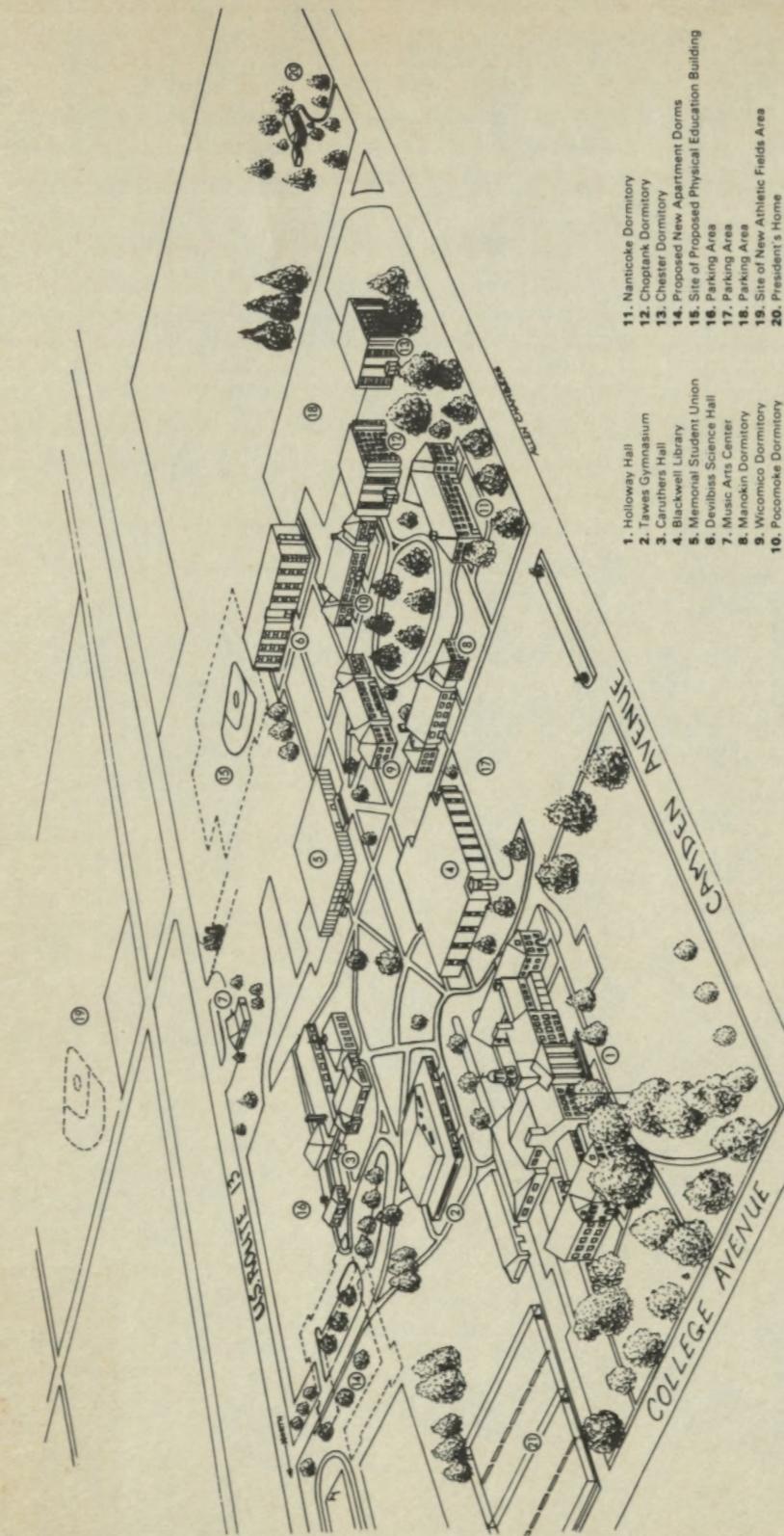
420. THE ESSAY

3 hours credit

A study of the history and development of the essay as a literary form in Spanish and Latin American literature. **Prerequisite:** Spanish 320, 321 or consent of department chairman. **Three hours per week.**

SALISBURY STATE COLLEGE

1. Holloway Hall
2. Tews Gymnasium
3. Caruthers Hall
4. Blackwell Library
5. Memorial Student Union
6. Devilbiss Science Hall
7. Music Arts Center
8. Manokin Dormitory
9. Wicomico Dormitory
10. Pocomoke Dormitory
11. Nanticoke Dormitory
12. Choptank Dormitory
13. Chester Dormitory
14. Proposed New Apartment Dorms
15. Site of Proposed Physical Education Building
16. Parking Area
17. Parking Area
18. Site of New Athletic Fields Area
20. President's Home
21. Tennis Courts



SALISBURY STATE COLLEGE
SALISBURY, MARYLAND 21801

COVER DESIGN BY NANCY L. LYTWYN

Non-Profit Org.
U.S. Postage
PAID
Salisbury, Maryland
Permit No. 65